

1. A ~~stomatic~~-composition for stomatic applications characterised in that it comprises particles of hydroxyapatite with an average particle size in length (l), width (d) and thickness (h) of: l from about 0,2 mm to about 0,01 mm, d from about 0,1 mm to about 0,001, and h from about 0.1 mm to about 0,0001 mm.

2. The ~~osmotic~~ composition according to claim 1 characterised in that it comprises particles of hydroxyapatite with an average particle size in length (l), width (d) and thickness (h) of ~~about~~ $l = 0,06 \text{ mm} \pm 50 \%$, $d = 0,015 \text{ mm} \pm 50 \%$ and $h = 0,005 \text{ mm} \pm 50 \%$.

3. The ~~elementary~~ composition according to claim 1 characterised in that it comprises particles of hydroxyapatite with an average particle size in length (l), width (d) and thickness (h) of ~~about~~ $l = 0,06 \text{ mm}$, $d = 0,015 \text{ mm}$, $h = 0,005 \text{ mm}$.

4. A ~~stomat~~ composition for stomatic applications characterised in that it comprises particles of hydroxyapatite having a specific surface of hydroxyapatite from about 100 m²/g to about 150 m²/g.

Claim 5, The ~~stematic~~ composition according to ~~one of~~
~~claims 1 to 4~~ characterized in
that it comprises said hydroxyapatite particles ultra finely
divided.

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Claim 1

6. The composition according to ~~one of claims 1 to 5~~
characterised in that the ultra finely divided
hydroxyapatite particles are present in the composition in
an amount of 0,1% to 50% by weight.

Claim 1

7. The composition according to ~~one of claims 1 to 6~~
characterised in that the ultra finely, divided
hydroxyapatite is a synthetic hydroxyapatite which contains
99,9% of $\text{Ca}_{10}(\text{PO}_4)_6(\text{OH})_2$ by weight.

Claim 1

8. The composition according to ~~one of claims 1 to 7~~
further characterised by at least one substance of the group
consisting of

- humectants in a range from ~~about~~ 0% to 85% by weight,
- bindings and thickeners a range of 0% to 10% by weight,
- abrasive materials in a range from 0.0% to 25%,
- Surfactants in a range from 0% to 5% by weight,
- Flavours in a range from 0% to 5% by weight.

Claim 1

9. The composition according to ~~one of claims 1 to 8~~
further characterised by
agents enhancing the gingivitis system of the mouth cavity
and comprising extracts of natural plants including at least
one of the group consisting of urtica, millefolium,
chamomilla hypericum, salvia, ~~etc.~~ in the aqueous an in the
aqueous-alcoholic form.

Claim 1

10. The composition according to ~~one of claims 1 to 9~~
further characterised by
antimicrobial and anti-plaque agents.

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